

INTERNATIONAL SEARCH REPORT

International Application No
PCT/DE2004/002209

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F02F3/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 799 373 B (MAHLE GMBH) 7 January 1999 (1999-01-07) cited in the application column 1, line 57 – column 2, line 37; figures	1
A	DE 102 09 168 A (KS KOLBENSCHMIDT GMBH) 18 September 2003 (2003-09-18) the whole document	1

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *&* document member of the same patent family

Date of the actual completion of the international search

3 January 2005

Date of mailing of the International search report

11/01/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.
Fax (+31-70) 340-3016

Authorized officer

von Arx, H

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/DE2004/002209

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 0799373	B	08-10-1997	DE	4446726 A1		27-06-1996
			BR	9510105 A		25-11-1997
			DE	59504762 D1		18-02-1999
			EP	0799373 A1		08-10-1997
			JP	10511756 T		10-11-1998
			US	5778533 A		14-07-1998
			WO	9620340 A1		04-07-1996
DE 10209168	A	18-09-2003	DE	10209168 A1		18-09-2003